

Date: Tue, 5 Jul 94 10:05:47 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #745
To: Info-Hams

Info-Hams Digest Tue, 5 Jul 94 Volume 94 : Issue 745

Today's Topics:

Amateur calls on auto license plates?
Books for NOVICE and GENERAL
CW - THE ONLY MODE!
Daily Summary of Solar Geophysical Activity for 04 July
Extra-terrestrial beacon
FIELD DAY 1994 REPORT (2 msgs)
Logic4
Microwave FAQ or info sought (repost)
N1FCC FIELD DAY REPORT
Nude Awareness Celebration
QST H/Brew Isoloop (2 msgs)
WANTED: BOOKS FOR NOVICE AND GENERAL
which Ringo do I buy?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Jul 1994 14:46:08 GMT
From: sony!sonysjc!sfd217!jeff@decwrl.dec.com
Subject: Amateur calls on auto license plates?
To: info-hams@ucsd.edu

In article <2vbdpk\$8tm@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes)
writes:

|>
|> I see a lot of vehicles with ham calls on their plates, but I am wary of
|> doing this for fear that the specialized plates are a billboard to

|> thieves that there might be expensive radio equipment in the vehicle.
|>
|> Any comments pro or con? Thanks! ---Dan, N9XDK
|> --

One data point:

My car with call letter plates was recently a target. The in dash
aftermarket radio/CD player was taken. The 2 meter rig was undisturbed.

Thieves want what they can turn into ready cash.

--

Jeff WU2A/6
reply to: jeff@sec.sel.sony.com
phone: (408) 955-4116

Date: 30 Jun 1994 17:41:48 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!
dns1.NMSU.Edu!usenet@network.
Subject: Books for NOVICE and GENERAL
To: info-hams@ucsd.edu

Will anyone lend or sell me a NOVICE and a GENERAL text book. I am going
to take the two, on the 19th of July, in Almagordo, New Mexico. I do not
want to spend 20 bux on new texts as I will be glad to spend the money on
equipment.

It is a real pain. I wrote the exams in May 93. The VEC told me that I
got thro Novice, Tech (Theory) and General (Code, 13 wpm). I waited for 5
to 6 months, only to be told by the ARRL that I did not get thro novice.
This time I want to get thro atleast Novice and get my license.

I am a student from India. I took the exams back home. I failed in my
first attempt and in the second I passed. Then I came to know that it
takes 2 years or more to get your license. In the meantime, I came here
for studies, only to find that Amateur radio and myself are a bit far.
Please send mail to

sjayasha@nmsu.edu.
Jayashankar,
The New Mexico State Univ,
Las Cruces, NM

Thankyou very much.

Date: 5 Jul 1994 14:36:29 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!newsrelay.iastate.edu!
news.iastate.edu!wjturner@network.ucsd.edu
Subject: CW - THE ONLY MODE!
To: info-hams@ucsd.edu

In article <CsALB5.G2n@srgenprp.sr.hp.com>, alanb@hpnmarb.sr.hp.com (Alan Bloom)
writes:

|> Doug Faunt N6TQS 510-655-8604 (faunt@netcom4.netcom.com) wrote:
|>
|> : I've been considering trying to learn to use a paddle left-handed, so
|> : that I can keep a pencil in my right. Any opinions on this?
|> : I haven't learned to use a paddle yet. I'm still working on copying
|> : 13wpm.
|>
|> I am a right-hander who learned on a left-handed bug. (!) To this day,
|> I can send with bug or keyer with either hand.
|>
|> But it's not as useful as you might think. I find it very hard to
|> write and send at the same time, to the extent that I rarely even try.
|> (No problem writing and receiving at the same time.)

I agree about sending and writing at the same time. (I've done it, but
it sure wasn't easy!)

However, it does cut down on fumbling for the pencil when you turn the
conversation over to the other ham. I'd say go for it!!

73, Will NØRDV

Date: Mon, 4 Jul 1994 22:11:31 MDT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!gatech!
newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 04 July
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

04 JULY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 04 JULY, 1994

NOTE: Energetic electron fluence at greater than 2 MeV was at a moderate to high level today.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 185, 07/04/94
10.7 FLUX=084.6 90-AVG=079 SSN=057 BKI=2221 2222 BAI=006
BGND-XRAY=A6.0 FLU1=1.6E+06 FLU10=1.1E+04 PKI=3332 2333 PAI=011
BOU-DEV=010,015,013,006,015,015,015,017 DEV-AVG=013 NT SWF=00:000
XRAY-MAX= B4.9 @ 1815UT XRAY-MIN= A4.6 @ 2053UT XRAY-AVG= A8.8
NEUTN-MAX= +002% @ 1255UT NEUTN-MIN= -002% @ 1820UT NEUTN-AVG= -0.2%
PCA-MAX= +0.2DB @ 2030UT PCA-MIN= -0.2DB @ 2140UT PCA-AVG= -0.0DB
BOUTF-MAX=55315NT @ 2358UT BOUTF-MIN=55286NT @ 1745UT BOUTF-AVG=55304NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+078,+000,+000
GOES6-MAX=P:+125NT@ 1844UT GOES6-MIN=N:-052NT@ 0007UT G6-AVG=+106,+035,-022
FLUXFCST=STD:085,085,085;SESC:085,085,085 BAI/PAI-FCST=010,010,015/010,015,018
KFCST=2234 1222 2234 1222 27DAY-AP=017,010 27DAY-KP=4343 3323 4233 2222
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 03 JUL 94 is not available.
The Full Kp Indices for 03 JUL 94 are: 3- 3o 4o 4- 2+ 2- 3- 3o
The 3-Hr Ap Indices for 03 JUL 94 are: 14 15 30 22 10 7 11 15
Greater than 2 MeV Electron Fluence for 04 JUL is: 7.3E+08

SYNOPSIS OF ACTIVITY

Solar activity was very low. Region 7742 (S10W25) remains the most interesting sunspot group on the disk. It is a small D-type group and appears to be decaying slowly.

Solar activity forecast: solar activity is expected to be very low to low. Region 7742 is the most likely source of flares.

The geomagnetic field was mostly quiet at middle latitudes and quiet to unsettled at high latitudes.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for most of the forecast period. A recurrent disturbance may increase activity levels on the third day.

Event probabilities 05 jul-07 jul

Class M	10/10/05
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 05 jul-07 jul

A. Middle Latitudes	
Active	15/15/30
Minor Storm	05/05/15
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	15/15/30
Minor Storm	05/05/15
Major-Severe Storm	05/05/05

HF propagation conditions were near-normal over the low and middle latitudes. Polar latitude paths were also near normal. However, transauroral circuits experienced periods of below-normal (poor) propagation during the day from enhanced periods of geomagnetic activity. Near-normal propagation is expected over the next 2 to 3 days. High and polar latitude propagation may begin to see minor signal degradation on 07 July if the recurrent coronal-hole related disturbance noted above arrives.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 04/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7742	S10W25	230	0110	DAI	07	021	BETA	
7745	N08W13	218	0010	BX0	03	003	BETA	
7746	N10E48	157	0170	HSX	02	003	ALPHA	
7743	S10W13	218					PLAGE	

REGIONS DUE TO RETURN 05 JULY TO 07 JULY

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 04 JULY, 1994

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 04 JULY, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV
NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 04/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

03 Jul: 0155 0201 0204 B1.2
0220 0224 0226 B1.1
0634 0637 0639 B1.0
0718 0722 0725 B1.5 SF 7742 S07W02
0729 0732 0734 B1.2
0750 0753 0755 B1.1
1327 1338 1344 B1.5 SF 7743 S10E05
1446 1505 1518 C1.0 SF 7742 S08W04
1617 1621 1634 B3.1 SF 7742 S12W09

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C M X S 1 2 3 4 Total (%)
-- -- -- -- -- -- -- -- --
Region 7742: 1 0 0 3 0 0 0 0 003 (33.3)
Region 7743: 0 0 0 1 0 0 0 0 001 (11.1)
Uncorrelated: 0 0 0 0 0 0 0 0 005 (55.6)

Total Events: 009 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.							

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 5 Jul 1994 15:35:09 GMT
 From: haven.umd.edu!news.umbc.edu!eff!blanket.mitre.org!linus.mitre.org!
 newsflash.mitre.org!m14494-mac.mitre.org!user@purdue.edu
 Subject: Extra-terrestrial beacon
 To: info-hams@ucsd.edu

Arik Baratz wrote:

>...if we synchronize all power stations across the globe... Could we possibly
 >transmit this 50Hz signal out to space, maybe to be used as a radio-lighthouse,
 >or a UFO beacon of some sort?

The Earth already radiates like a small star over most of the electromagnetic spectrum due to broadcasting, microwave, and radar use. If there are any aliens within 60 light-years or so (commercial broadcasting began about 60 years ago) they've already heard us. The next question is: "Why haven't they answered?". There are many possible answers, the most popular of which are:

- 1) There's nobody there
- 2) There's somebody there, but they're just not listening
- 3) There's somebody there, they heard us, but they just don't care
- 4) There's somebody there, they heard us, but they're paranoid
- 5) There's somebody there, they heard us, and they're on their way to take over

My guess is "None of the above". I go with the "It's a big Galaxy" theory. Consider, what Lee DuBridge, Presidential Science advisor, said: "Either Mankind is alone in the galaxy, or he is not: either prospect is mind-boggling".

Date: 05 Jul 1994 13:43:58 GMT
From: ihnp4.ucsd.edu!agate!msuinfo!netnews.upenn.edu!netnews.upenn.edu!yee@network.ucsd.edu
Subject: FIELD DAY 1994 REPORT
To: info-hams@ucsd.edu

Oops. I think we may have goofed. I'll have to check with our Field Day leader to see if we were within spec.

The rules do state that "All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet)" QST May, 1994 p. 132.

--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145

Date: 5 Jul 1994 14:28:13 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!wizard.uark.edu!comp!plaws@network.ucsd.edu
Subject: FIELD DAY 1994 REPORT
To: info-hams@ucsd.edu

CALL: N5UWY (+ KB5TFX)

ENTRY CLASS: 1C - Mobile

SECTION / LOCATION: MT
Dorm Parking Lot at U of MT
I-90E from Missoula, 70 mph with gusts to 75-80 :-)

RIG: ICOM IC-725

ANTENNA: Terlin Outbacker OBR8 (8 bands, 4.5' long) mounted on Valor triple mag mount.

POWER SOURCE: Subaru Alternator

TOTAL ON-AIR OPERATION TIME: 8-10 hours (had to go to a banquet on 6/25 and had to sleep before driving the 800+ miles to Cheyenne, Wyo.)

FINAL SCORE:

0 QSO on 10
3 QSOs on 15
32 QSOs on 20
0 QSOs on 40
0 QSO on 75

35 TOTAL QSOs (x2) 100 watts = 70 points

COMMENTS: The Outbacker works quite well, despite it's length. It is not, however, a tribander at 100'. I was able to work the strong stations.

LESSONS LEARNED: - If this mobile station was to be permanent, I would do stuff like run a copper braid from the mag mount to a body ground, ground the radio (instead of relying on the power cord), and track down the remaining noise sources.

- don't try to operate from I-90 in Montana, as it goes through *lots* of mountains ... :-)

- Field Day while on a trip makes everything go by *much* faster!

Peter Laws <plaws@comp.uark.edu> | "Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

Date: Tue, 5 Jul 1994 13:57:08 GMT

From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!srigenprp!bsplaine@network.ucsd.edu

Subject: Logic4

To: info-hams@ucsd.edu

Kenneth L Florence (klf@ecdcsvr.tredydev.unisys.com) wrote:

QTH On top of Mt. Tom, Holyoke Massachusetts

5A Western Massachusetts (WMA)

We had at various times, 2m, 10m, 15m, 20m,40m,80m,160m, a novice station, human powered, Amsat station. We had an "engineering crew" who put up the antennas and towers, and the generators. We had a huge Honda that ran almost everything.

I ran 15m with AA1DI from my popup tenttrailer, which is THE way to do it, plenty of room, comfortable beds, refrigerator, the dinette makes a great shack. We had a tribander up about 40 ft, on a high point at the site which was near the top of the mountain. We worked about 413 10m contacts, 7 of which were CW and the rest were phone. Last year we did better, about 476. I swithced to 160m about 1:30 am after 15m died and made a dozen or so more contacts until I got nothing but dupes.

The main rig was my FT101 ZD, with Icom 735 for backup and for 160m. We had lots of fun, with several periods of sustained high rates that felt almost like working a pileup!

Humorous Field Day story:

Right in the middle of one of the pileup periods, I worked ZD7SAS, who was obviosly not in the contest, and wanted to rag chew, he gave me 59 and his handle, I said "Ok, your report is 5A WMA, we have you as 1d DX, 73 good luck in the contest, QRZed field day," etc.. Later, when things cooled down, I said to AA1DI who had stepped out to do something, "Where the hell is ZD7?" He looked exasperated, and explained that it was St. Helena Island and explained I should have come right back with my own call and worked him for the QSL!

All in all it was a GREAT field day, the boy scout troupe who did the cooking roasted 5 turkeys on foil covered tripods and served up great chicken cordon bleau, pancakes and roast turkey. Though it poured buckets saturday evening, it soon let up and there was no lightning so we didn't miss a contact. I haven't heard the club score though I heard 40m did almost as well as we did and I heard 10 m did ok too. No one got hurt, the OF's and all the new no-code techs worked well and coalesced into a single group with some new enhanced club spirit. We think we did better than last year which was twice the highest previous score so we think we're on the right track.

We are already planning for next year. BTW, we worked N1NH which was 15A, NH.
--

Stephen P. Baker
Lecturer in Biostatistics
Department of Academic Computing

phone: (508) 856-2625
 (508) 856-3131 fax
 (413) 253-3923 home

University of Massachusetts Medical School e-mail: sbaker@umassmed.ummed.edu
55 Lake Avenue North -. -.. .---- .--. ...
Worcester, MA 01655

Date: 5 Jul 1994 09:33:23 -0500
From: ihnp4.ucsd.edu!swrinde!emory!darwin.sura.net!udel!news2.sprintlink.net!
news.sprintlink.net!bga.com!bga.com!nobody@network.ucsd.edu
Subject: Nude Awareness Celebration
To: info-hams@ucsd.edu

Amateur Radio Operators affiliated with the American Sunbathing Association, the Naturist Society and the Federation of Canadian Naturists will observe the 19th Annual North American Nude Awareness Celebration during July 4th to 10th. We will operate near 14.265, 21.365 and 28.465 MHz. For certificate, please send QSL and a 9 x 12 inch SASE to Bob Redoutey, KF5KF, P.O. Box 200812, Austin, TX 78720.

--
Bob Redoutey - Austin, TX
Amateur Radio KF5KF
redoutey@bga.com

Date: 5 Jul 94 12:19:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: QST H/Brew Isoloop
To: info-hams@ucsd.edu

```
> I'm interested to hear about other's experiences -- and where to get the
> Ted Hart/N5QJR book.  When I get this beast built; I'll summarize the
> results to the net.
> Tnx es 73,  Bill/K06CD
```

it's W5QJR. I would suggest dropping an SASE to his call book address (i'd put it in here but i don't remember his street number - it's on Manorwood Drive in Melbourne, FL 32901).....

Barring unforeseen circumstances, Ted usually will be down at the Melbourne Hamfest as well (sept 10/11).

bill wb9ivr

Date: Tue, 5 Jul 1994 14:04:14 GMT

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!
darwin.sura.net!jabba.ess.harris.com!news.ess.harris.com!
adm01.rfc.comm.harris.com!gdian22@network.ucsd.edu
Subject: QST H/Brew Isoloop
To: info-hams@ucsd.edu

Regarding Ted Hart's address:

Ted Hart
W5QJR
Box 334
Melbourne, FL 32902-334

I used this address a few months ago and got a speedy reply.

You might also inquire about his antenna ohm meter design.
As I understand it, it is basically the mfj unit... (or more
specifically, the mfj unit is basically the w5qjr design)
Anyway, the unit can be used to build a resonant antenna.

73, gary n2jgu
gmd@rfc.comm.harris.com

Date: 2 Jul 1994 04:06:29 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!
dns1.NMSU.Edu!usenet@network.
Subject: WANTED: BOOKS FOR NOVICE AND GENERAL
To: info-hams@ucsd.edu

Will anyone lend or sell me a NOVICE and a GENERAL text book. I am going
to take the two, on the 19th of July, in Almogordo, New Mexico. I do not
want to spend 20 bux on new texts as I will be glad to spend the money on
equipment.

It is a real pain. I wrote the exams in May 93. The VEC told me that I
got thro Novice, Tech (Theory) and General (Code, 13 wpm). I waited for 5
to 6 months, only to be told by the ARRL that I did not get thro novice.
This time I want to get thro atleast Novice and get my license.

I am a student from India. I took the exams back home. I failed in my
first attempt and in the second I passed. Then I came to know that it
takes 2 years or more to get your license. In the meantime, I came here
for studies, only to find that Amateur radio and myself are a bit far.
Please send mail to

sjayasha@nmsu.edu.
Jayashankar,

The New Mexico State Univ,
Las Cruces, NM

Thankyou very much.

Date: 5 Jul 94 15:14:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: which Ringo do I buy?
To: info-hams@ucsd.edu

I'm in the market for a 2 meter vertical for use mostly on packet and it looks like the Cushcraft Ringo is the most popular product. Which of the 3 varieties, Ringo, Ringo Ranger or Ringo Ranger II should I plunk my money down for? Is the RR II that much better than the RR in terms of gain and bandwidth?

Thanks and 73,
Scott, WA2CJT

--
Scott Ginsburg Voice: 508-436-3836
Wellfleet Communications Internet: ginsburg@wellfleet.com
2 Federal St. Packet: WA2CJT@K1UGM
Billerica, MA 01821

Date: 5 Jul 1994 09:20:38 -0400
From: ihnp4.ucsd.edu!sdd.hp.com!hpscit.sc.hp.com!hpuerci.atl.hp.com!hpuerca!edh@network.ucsd.edu
To: info-hams@ucsd.edu

References <YEE.94Jun30180803@mipgsun.mipg.upenn.edu>,
<1JUL199414342767@elroy.uh.edu>, <YEE.94Jul1161507@mipgsun.mipg.upenn.edu>
Subject : Re: FIELD DAY 1994 REPORT

Ref: Description of large spread-out Field Day site.

I didn't get to do FD this year, but in past years have been very active.

Question concerning the description of "spreading out" over large site that was posted earlier:

Wasn't there a maximum space specification this year? In years past I've seen (minor) problems just keeping a 2A station and all its equipment/antennas within the specified space. Or have

I lost it completely?

Cheers - Ed Humphries N5RCK
HP Atlanta GA

Date: 5 Jul 1994 10:39:24 -0400
From: news1.digex.net!digex.net!not-for-mail@uunet.uu.net
To: info-hams@ucsd.edu

References <Cs9qs3.Mu9@crdnns.crd.ge.com>,
<BENCZE.94Jul4102930@elvira.stanford.edu>, <2v9mfn\$73u@apple.com>]j
Subject : Re: QST H/Brew Iso loop

In article <2v9mfn\$73u@apple.com>, Kok Chen wrote:

>
> During the field day weekend (contests are great times to experiment
> with antennas, with so many people listening for you :-) I slapped
> together the distributed-capacitance loop that has been appearing on
> the last couple of issues of CQ Magazine (the most recent one in the
> July issue, I think).
>...
>
> I only subjected two stations to the torture of having to copy a weak
> station: one station was in Alberta, and the other in South Texas.
> Both stations came back to the first call from me on 20m. I was
> dumping 50 watts SSB into the loop from the SF Bay area.
>
> On receive, the makeshift loop was maybe one to two S units worse than
> the usual antenna system I use, which is a 13 foot vertical whip and a
> 6 foot counterpoise (you can view it as an L shaped antenna, off-center-
> fed to get 50 ohm match and inductively loaded to resonate on 20m) on
> the same balcony. (This latter antenna worked Peter I Island with 100
> watts SSB.)
>
> 73,
>
> Kok Chen, AA6TY kchen@apple.com

I built the 40M DCTL, hung it on the ceiling on the second floor. I compared it to an inverted vee in the back (apex up 20 ft). The loop was about 2-3 s-units lower. RST's were 569-589 while the inv. vee gave me 589-599+, running 50 watts. Not bad for a small loop. 2:1 SWR b/w was about 80Khz.

This weekend I built the 10-20M delta loop in July 73 magazine. I found it to perform very poorly on receive and transmit. My AEA Iso loop was 3-5 S-units

better on receive on 20-10M. (This loop is basically a 1/2 wave loop on 20M and a full wave on 10M. It's fed w/a 1/4 wave 300ohm twin lead matching transformer).

I think the DCTL may have some merit. I will try the 80 and 160M versions. The 20M and above versions may be moot since most attic spaces will permit dipoles for these bands.

Andy N3LCW

End of Info-Hams Digest V94 #745
